
From: Deltoral, Miguel
Sent: Friday, September 22, 2017 4:19 AM
To: Sulej, Erik
Subject: FOIA-EPA-R5-2017-011686 (email received)
Attachments: UA370 [REDACTED] t 1708227 Report.pdf


Miguel A. Del Toral
Regulations Manager
U.S. EPA R5 GWDWB
77 West Jackson Blvd, (WG-15J)
Chicago, IL 60604
Phone: (312) 886-5253




From: Durno, Mark
Sent: Wednesday, August 16, 2017 09:08 AM
To: Deltoral, Miguel
Subject: FW: Test Results

FYI – the home we were discussing last week (with the lead fishing sinkers in her bathtub faucet).... I believe that she has a galvanized service line.

md

Mark Durno
Homeland Security Advisor
Emergency Response Branch
U.S. Environmental Protection Agency
25063 Center Ridge Road
Westlake, OH 44145
440-250-1743

From: [REDACTED] 
Sent: Wednesday, August 16, 2017 9:33 AM
To: George Krisztian <krisztiang@michigan.gov>; Durno, Mark <durno.mark@epa.gov>
Subject: FW: Test Results

From: [REDACTED] 
Date: Wednesday, August 16, 2017 at 9:31 AM
To: [REDACTED] 
Cc: [REDACTED] 
Subject: Test Results

[REDACTED] 

Attached are your recent testing results as completed by [REDACTED]  and [REDACTED]  from the UA370 (Plumbers' Union).

A summary is as follows:

1. Shower: Non-detect for lead. Note this location is outside of any current regulatory requirements.
2. Kitchen Sink: 51 ppb for lead.
3. UA370 Sink (as a control): Non-detect for lead.
4. Meter: 100 ppb for lead. Note this location is outside of any current regulatory requirements.
5. Water Heater: 210 ppb for lead. Note this location is outside of any current regulatory requirements.

Best Regards,





10-Aug-2017

UA370 Testing

Re: Flint - UA370

Work Order: 1708227

Dear

ALS Environmental received 5 samples on 05-Aug-2017 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 11.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Rob Nieman

Electronically approved by: Chris Gibson

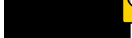
Rob Nieman
Project Manager

ADDRESS 4366 Glendale Millford Rd Cincinnati, Ohio 45242-1 | PHONE (513) 733-5336 | FAX (513) 733-5247
ALS GROUP USA CORP. Part of the ALS Group An ALS Limited Company

www.alsglobal.com

RIGHT SOLUTIONS. RIGHT PARTNERS.

Client:

Project: Flint -  370

Work Order: 1708227



Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1708227-01	1-Grab Meter	Water		8/4/2017	8/5/2017	<input type="checkbox"/>
1708227-02	2-Grab Water Heater	Water		8/4/2017	8/5/2017	<input type="checkbox"/>
1708227-03	5-Sink Cold Water Grab	Water		8/4/2017	8/5/2017	<input type="checkbox"/>
1708227-04	6-Hot Shower Grab	Water		8/4/2017	8/5/2017	<input type="checkbox"/>
1708227-05	9-Grab Hall Sink	Water		8/4/2017	8/5/2017	<input type="checkbox"/>

ALS Environmental

Date: 10-Aug-17

Client:

Project: Flint -   A370

Work Order: 1708227

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.


Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS Environmental

Date: 10-Aug-17

Client:

Project: Flint -  370

Work Order: 1708227

Sample ID: 1-Grab Meter

Lab ID: 1708227-01

Collection Date: 8/4/2017

Matrix: WATER

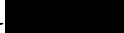
Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
METALS BY ICP			SW6010B		Prep Date: 8/9/2017	Analyst: SRL
Copper	0.33		0.025	mg/L	1	8/9/2017 02:30 PM
Lead	0.10		0.015	mg/L	1	8/9/2017 02:30 PM

Note:

ALS Environmental

Date: 10-Aug-17

Client:

Project: Flint -  370

Work Order: 1708227

Sample ID: 2-Grab Water Heater

Lab ID: 1708227-02

Collection Date: 8/4/2017

Matrix: WATER

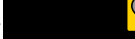
Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP			SW6010B		Prep Date: 8/9/2017	Analyst: SRL
Copper	0.48		0.025	mg/L	1	8/9/2017 02:33 PM
Lead	0.21		0.015	mg/L	1	8/9/2017 02:33 PM

Note:

ALS Environmental

Date: 10-Aug-17

Client:

Project: Flint -  370

Work Order: 1708227

Sample ID: 5-Sink Cold Water Grab

Lab ID: 1708227-03

Collection Date: 8/4/2017

Matrix: WATER


Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP			SW6010B		Prep Date: 8/9/2017	Analyst: SRL
Copper	0.054		0.025	mg/L	1	8/9/2017 02:36 PM
Lead	0.051		0.015	mg/L	1	8/9/2017 02:36 PM

Note:

ALS Environmental

Date: 10-Aug-17

Client:

Project: Flint -  370

Work Order: 1708227

Sample ID: 6-Hot Shower Grab

Lab ID: 1708227-04

Collection Date: 8/4/2017

Matrix: WATER

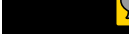
Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP			SW6010B		Prep Date: 8/9/2017	Analyst: SRL
Copper	0.026		0.025	mg/L	1	8/9/2017 02:39 PM
Lead	ND		0.015	mg/L	1	8/9/2017 02:39 PM

Note:

ALS Environmental

Date: 10-Aug-17

Client:

Project: Flint -  A370

Work Order: 1708227

Sample ID: 9-Grab Hall Sink

Lab ID: 1708227-05

Collection Date: 8/4/2017

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP			SW6010B		Prep Date: 8/9/2017	Analyst: SRL
Copper	0.22		0.025	mg/L	1	8/9/2017 02:42 PM
Lead	ND		0.015	mg/L	1	8/9/2017 02:42 PM

Note:


ALS Environmental

Date: 10-Aug-17

Client:

QC BATCH REPORT

Work Order: 1708227

Project: Flint -  A370

Batch ID: 44948

Instrument ID ICP3

Method: SW6010B

MBLK	Sample ID: mblk-44948-44948			Units: mg/L		Analysis Date: 8/9/2017 02:22 PM				
Client ID:	Run ID: ICP3_170809A			SeqNo: 1568951		Prep Date: 8/9/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Copper	ND	0.025								
Lead	ND	0.015								

LCS	Sample ID: lcs-44948-44948			Units: mg/L		Analysis Date: 8/9/2017 02:25 PM				
Client ID:	Run ID: ICP3_170809A			SeqNo: 1568952		Prep Date: 8/9/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Copper	0.9986	0.025	1.1	0	90.8	80-120	0			
Lead	1.089	0.015	1.1	0	99	80-120	0			

LCSD	Sample ID: lcscd-44948-44948			Units: mg/L		Analysis Date: 8/9/2017 02:27 PM				
Client ID:	Run ID: ICP3_170809A			SeqNo: 1568953		Prep Date: 8/9/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Copper	1.014	0.025	1.1	0	92.2	80-120	0.9986	1.5	20	
Lead	1.084	0.015	1.1	0	98.6	80-120	1.089	0.466	20	

MS	Sample ID: 1708227-05a ms			Units: mg/L		Analysis Date: 8/9/2017 02:45 PM				
Client ID: 9-Grab Hall Sink	Run ID: ICP3_170809A			SeqNo: 1568959		Prep Date: 8/9/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Copper	1.202	0.025	1.1	0.2193	89.4	75-125	0			
Lead	1.061	0.015	1.1	0.01187	95.4	75-125	0			

MSD	Sample ID: 1708227-05a msd			Units: mg/L		Analysis Date: 8/9/2017 02:48 PM				
Client ID: 9-Grab Hall Sink	Run ID: ICP3_170809A			SeqNo: 1568960		Prep Date: 8/9/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Copper	1.192	0.025	1.1	0.2193	88.5	75-125	1.202	0.827	20	
Lead	1.058	0.015	1.1	0.01187	95.1	75-125	1.061	0.311	20	

The following samples were analyzed in this batch:

1708227-01a	1708227-02a	1708227-03a
1708227-04a	1708227-05a	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 1 of 1

Client:

Project: Flint -  

WorkOrder: 1708227

**QUALIFIERS,
ACRONYMS, UNITS****Qualifier** **Description**

*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym **Description**

DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported **Description**

mg/L

Sample Receipt Checklist

Client Name:

Date/Time Received: 05-Aug-17 00:00

Work Order: 1708227

Received by: JNW

Checklist completed by Chris Gibson

08-Aug-17

Reviewed by: Chris Gibson

08-Aug-17

eSignature

Date

eSignature

Date

Matrices:

Carrier name: FedEx

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☐

No ☐

Not Present ☒

Custody seals intact on sample bottles?

Yes ☐

No ☐

Not Present ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

Water - VOA vials have zero headspace?

Yes ☐

No ☐

No VOA vials submitted ☐

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☐

pH adjusted?

Yes ☐

No ☐

N/A ☐

pH adjusted by:

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: